

Histamine H4 Receptor Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03982
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HRH4. AA range:221-270
Mol wt	44496
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Histamine H4 Receptor Antibody
Synonyms	HRH4; GPCR105; Histamine H4 receptor; H4R; HH4R; AXOR35; G-protein coupled receptor 105; GPRv53; Pfi-013; SP9144

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by a family of histamine receptors, which are a subset of the G-protein coupled receptor superfamily. HRH4 (histamine receptor H4) encodes a histamine receptor that is predominantly expressed in haematopoietic cells. The protein is thought to play a role in inflammation and allergy responses. Multiple transcript variants encoding different isoforms have been found for HRH4.

Recommended Dilution

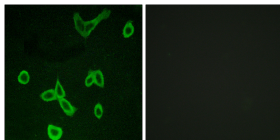
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

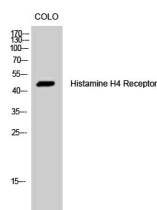
ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunofluorescence analysis of LOVO cells, using HRH4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of COLO cells using Histamine H4 Receptor Polyclonal Antibody

Storage

-20°C for one year

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